(248) 647-6000

SPRINKLE, ANDERSON & CITKOWSKI, P.C.

G'FFORD, KRASS,

Serial No. 10/764,319

-8-

51912sh

## REMARKS

With regard to the objection to the drawings, "the plurality of optical gratings" specified in claims 5, 18 and 26 is actually contained in the spectrograph (120 in Figure 1). In any case, this multiplexing arrangement is shown and described in U.S. Patent Nos. 5,442,439 or 5,559,597. Since the content of both are incorporated herein by reference, Applicant does not see the need to add drawings to the instant application. If the Examiner continues to believe that this is the case, she is invited to call the undersigned to add one of the drawings from the incorporated patents by Examiner's amendment.

Claims 22-24 were rejected over Jarvis et al. ('319). Claim 22 has been amended to more clearly set forth a piece of material in the form of a flat sample having a relatively thin edge which is illuminated. This is neither taught nor suggested by Jarvis et al., which clearly recites the illumination of a surface, and not an edge.

Based upon the foregoing amendments and comments, Applicant believes the pending claims are in condition for allowance. Questions regarding this application may be directed to the undersigned attorney by telephone, facsimile or electronic mail.

Respectfully submitted

By:

John G. Posa

Reg. No. 37,424

Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, PC

PO Box 7021

Troy, MI 48007-7021

(734) 913-9300 FAX (734) 913-6007

Email: jposa@patlaw.com

Dated: December 19, 2005